

Project Name:	Department of Energy BMIS-FM
Project Number:	BMIS- Phoenix Project Phase I
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IBM Proj Mgr:	Don A. Cox, PMP

## Risk Analysis Report

Date.	7/31/01	Document ID:	ENG 021/Risk ID 066
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**Describe the risk event or factor that has been identified:** The Data Center UPS system has been demonstrated to be unreliable. The UPS has failed on 2 occasions, causing the uncontrolled shutdown of the BMIS Phoenix infrastructure, and a subsequent delay in its availability while the system was restarted.

**Describe possible outcomes that have been identified:** If not resolved, this problem will have major implications for the reliability, and success, of the BMIS Phoenix system. Continued system crashes due to power service interruptions will not only impact the availability of the system, it will cause a loss of confidence in the system, thereby preventing its acceptance by the user community.

Risk Symptom or Trigger	Event Horizon (expected timing if known)
Continued UPS failures.	08/01 through implementation

**Quantification of Impact:** Cannot quantify impact. Project success is at risk.

### Type of Impact:

Scope: <input type="checkbox"/>	Schedule: <input type="checkbox"/>	Budget: <input type="checkbox"/>	Quality: <input checked="" type="checkbox"/>
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### Classified As:

Opportunity to Pursue: <input type="checkbox"/>	Threat to Respond To: <input checked="" type="checkbox"/>
Opportunity to Ignore: <input type="checkbox"/>	Threat to Accept: <input type="checkbox"/>

**Response/Mitigation Strategy and Comments:** The Data Center is planning on replacing a number of hardware elements of the UPS system to address the problem. The current plan is to test the repairs for one month. As a contingency, should the repairs fail to improve reliability, the office of the CIO will purchase and install an new UPS. BMIS Phoenix Project Management will continue to track progress and monitor results to ensure that the repairs are effective.

### Risk Identification and Evaluation Review and Sign-off:

DOE Project Manager:	<input type="checkbox"/> Approved as is <input type="checkbox"/> Approved pending noted changes <input type="checkbox"/> Not Approved
Signature _____ Date _____	

Team IBM Project Manager:	<input type="checkbox"/> Approved as is <input type="checkbox"/> Approved pending noted changes <input type="checkbox"/> Not Approved
Signature _____ Date _____	